

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|--------|--|--|------------------|---------|---------------------|
| S1 | 1 | "20050238938".pn. | US-PGPUB; USPAT; USOCR | ADJ | OFF | 2008/06/27 06:17 |
| S2 | 14 | US-6552093-\$.DID. OR US-6294612-\$. DID. OR US-6156451- \$.DID. OR US- 6150426-\$.DID. OR US-6110333-\$.DID. OR US-5989741-\$. DID. OR US-5981097- \$.DID. OR WO- 9828811-\$.DID. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | ADJ | OFF | 2008/06/27 06:17 |
| S3 | 16 | US-6552093-\$.DID. OR US-6294612-\$. DID. OR US-6156451- \$.DID. OR US- 6150426-\$.DID. OR US-6110333-\$.DID. OR US-5989741-\$. DID. OR US-5981097- \$.DID. OR US- 5672438-\$.DID. OR WO-9828811-\$.DID. | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | OFF | 2008/06/27 06:22 |
| S4 | 2 | S3 not S2 | US-PGPUB; USPAT; EPO; JPO; DERWENT | ADJ | OFF | 2008/06/27 06:22 |
| S5 | 4 | ((RAJ) near2 (RAJENDRAN)).INV. | US-PGPUB; USPAT; USOCR | ADJ | OFF | 2008/06/27 06:23 |
| S6 | 15565 | ((E near1 I near2 ((dupont) or (du near1 pont))) or ((dupont) or (du near1 pont))).as. | US-PGPUB; USPAT; USOCR | ADJ | OFF | 2008/06/27 06:25 |
| S7 | 71 | S6 and "429".clas. | US-PGPUB; USPAT; USOCR | ADJ | OFF | 2008/06/27 06:25 |
| S8 | 27 | S6 and "429".clas. and fuel cell and membrane | US-PGPUB; USPAT; USOCR | ADJ | OFF | 2008/06/27 06:26 |
| S9 | 123118 | ((ion with exchange with ratio) or IXR) or ((equivalent weight) or (EW)) | US-PGPUB; USPAT; USOCR | ADJ | OFF | 2008/06/30 09:30 |
| S10 | 320 | ((ion with exchange with ratio) or IXR) and ((equivalent weight) or (EW)) | US-PGPUB; USPAT; USOCR | ADJ | OFF | 2008/06/30 09:31 |

| | | | | | | |
|-----|-----|---|---------------------------|-----|-----|---------------------|
| S11 | 98 | S10 and fuel cell | US-PGPUB; USPAT; USOCR | ADJ | OFF | 2008/06/30 09:32 |
| S12 | 92 | S11 and ((per near1 fluorin\$5) or (perfluorinat\$3) or (fluorin\$5)) with polymer | US-PGPUB; USPAT; USOCR | ADJ | OFF | 2008/06/30 09:34 |
| S13 | 67 | S12 and ((per near1 fluorin\$5) or (perflurinat\$3) or (fluorin\$5)) with carbon | US-PGPUB; USPAT; USOCR | ADJ | OFF | 2008/06/30 09:35 |
| S14 | 34 | S13 and carbon with (backbone or back near \$1 bone) | US-PGPUB; USPAT; USOCR | ADJ | OFF | 2008/06/30 09:36 |
| S15 | 28 | S14 and ((alkali near2 metal) or (ammonia or ammonium or ("NH. sub.4"))) | US-PGPUB; USPAT; USOCR | ADJ | OFF | 2008/06/30 09:47 |
| S16 | 22 | S15 and ((ion with exchange with ratio) or IXR) with ("17" or "18" or ""19"" or ""20"" or ""21"" or ""22"" or ""23"") | US-PGPUB; USPAT; USOCR | ADJ | OFF | 2008/06/30 09:47 |
| S17 | 320 | ((ion with exchange with ratio) or IXR) and ((equivalent weight) or (EW)) | US-PGPUB; USPAT; USOCR | ADJ | OFF | 2008/06/30 12:40 |
| S18 | 98 | S17 and fuel cell | US-PGPUB; USPAT; USOCR | ADJ | OFF | 2008/06/30 12:40 |
| S19 | 34 | S18 and direct (methanol or liquid or feed) | US-PGPUB; USPAT; USOCR | ADJ | OFF | 2008/06/30 12:42 |

6/ 30/ 2008 3:20:43 PM

C:\ Documents and Settings\ eeninokut\ My Documents\ active examiner docs\ unexamined cases\ 10527043.membranes for fuel cells\ 10527043_east_examination.wsp